

ABSTRACT

With a method for controlling a diaphragm or piston pump that is actuated by a cam driven by an electric motor and via a ram or connecting rod, a solution is suggested for a simple system construction that enables quantities of metered media to be delivered at the most constantly rate possible. This is achieved in that in order to deliver an approximately constant volume flow of metered medium, the diaphragm or piston of the pump is moved at approximately constant speed during the compression stroke by the driving unit of the cam with consideration for the cam position.